

SECTION 1

PRODUCT IDENTIFIER	HD14017	HOME MOODS INTERIOR/EXTERIOR FLAT CONEFL
DATE OF PREPARATION	MAY 18, 2004	
PRODUCT USE	PROTECTIVE COATING	
MANUFACTURED BY:	ICI PAINTS NORTH AMERICA, 925 EUCLID AVENUE, CLEVELAND , OHIO 44115, U.S.A. ICI PAINTS (CANADA), 8200 KEELE STREET, CONCORD, ONTARIO L4K 2A5, CANADA.	
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MSDS PREPARED BY:	PRODUCT SAFETY AND TOXICOLOGY DEPARTMENT ICI PAINTS NORTH AMERICA	

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT		WT. %:
CHEMICAL NAME	POLYURETHANE RESIN	1-5
COMMON NAME :	POLYURETHANE RESIN	
CAS NUMBER:	CONFIDENTIAL	
CHEMICAL NAME	TITANIUM OXIDE	1-5
COMMON NAME :	TITANIUM DIOXIDE	
CAS NUMBER:	13463-67-7	
CHEMICAL NAME	TALC	5-10
COMMON NAME :	TALC	
CAS NUMBER:	14807-96-6	
CHEMICAL NAME	2-PROPENOIC ACID, BUTYL ESTER, POLYMER WITH	5-10
COMMON NAME :	ETHENYL ACETATE	
CAS NUMBER:	VINYL ACRYLIC LATEX	
CHEMICAL NAME	25067-01-0	
CHEMICAL NAME	PROPANOIC ACID, 2-METHYL-, MONOESTER WITH	1-5
	2,2,4-TRIMETHYL-1,3-PENTANEDIOL	

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

COMMON NAME : TEXANOL
CAS NUMBER: 25265-77-4

CHEMICAL NAME CERAMIC MATERIALS AND WARES, CHEMICALS
COMMON NAME : CALCINED KAOLIN CLAY
CAS NUMBER: 66402-68-4

5-10

CHEMICAL NAME WATER
COMMON NAME : WATER
CAS NUMBER: 7732-18-5

60-70

SECTION 3: HAZARDS IDENTIFICATION

PRIMARY ROUTE(S) OF EXPOSURE
INHALATION, SKIN CONTACT, EYE CONTACT, INGESTION.

EFFECTS OF OVEREXPOSURE
INHALATION PROLONGED INHALATION MAY LEAD TO DIZZINESS AND/OR
LIGHTHEADEDNESS, NAUSEA, CHEST PAIN, COUGHING, DIFFICULTY
OF BREATHING, PNEUMOCONIOSIS.

SKIN CONTACT IRRITATION OF SKIN.

EYE CONTACT IRRITATION OF EYES.

INGESTION INGESTION MAY CAUSE MOUTH AND THROAT IRRITATION,
GASTRO-INTESTINAL DISTURBANCES.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
EYE, SKIN, RESPIRATORY DISORDERS.

SECTION 4: FIRST-AID MEASURES

INHALATION REMOVE TO FRESH AIR. RESTORE AND SUPPORT CONTINUED BREATHING.
GET EMERGENCY MEDICAL ATTENTION.
HAVE TRAINED PERSON GIVE OXYGEN IF NECESSARY. GET MEDICAL HELP FOR ANY BREATHING DIFFICULTY.
REMOVE TO FRESH AIR IF INHALATION CAUSES EYE WATERING, HEADACHES, DIZZINESS, OR OTHER DISCOMFORT.
GET MEDICAL ATTENTION IF DISCOMFORT OR IRRITATION PERSISTS.

SKIN CONTACT WASH THOROUGHLY WITH SOAP AND WATER. IF ANY PRODUCT REMAINS, GENTLY RUB PETROLEUM JELLY, VEGETABLE OR MINERAL/BABY OIL ONTO SKIN. REPEATED APPLICATIONS MAY BE NEEDED. REMOVE CONTAMINATED CLOTHING.
IF IRRITATION OCCURS, CONSULT A PHYSICIAN.

EYE CONTACT FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER, ESPECIALLY UNDER LIDS FOR AT LEAST 15 MINUTES. IF IRRITATION OR OTHER EFFECTS PERSIST, OBTAIN MEDICAL TREATMENT.

INGESTION IF SWALLOWED, OBTAIN MEDICAL TREATMENT IMMEDIATELY.

SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT (SETA)	NONE	LOWER EXPLOSIVE LIMIT	NOT AVAILABLE
		UPPER EXPLOSIVE LIMIT	NOT AVAILABLE

FIRE EXTINGUISHING MEDIA
DRY CHEMICAL OR FOAM
WATER FOG.
CARBON DIOXIDE.

UNUSUAL FIRE AND EXPLOSION HAZARDS
CLOSED CONTAINERS MAY BURST IF EXPOSED TO EXTREME HEAT OR FIRE.
IN CLOSED TANKS, WATER OR FOAM MAY CAUSE FROTHING OR ERUPTION.

SECTION 5: FIRE-FIGHTING MEASURES

FIRE FIGHTING PROCEDURES

WATER MAY BE USED TO COOL AND PROTECT EXPOSED CONTAINERS. FIREFIGHTERS SHOULD USE FULL PROTECTIVE CLOTHING, EYE PROTECTION, AND SELF-CONTAINED BREATHING APPARATUS.

HAZARDOUS DECOMPOSITION OR COMBUSTION PRODUCTS

CARBON MONOXIDE, CARBON DIOXIDE.

SECTION 6 ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

COMPLY WITH ALL APPLICABLE HEALTH AND ENVIRONMENTAL REGULATIONS.

ELIMINATE ALL SOURCES OF IGNITION. VENTILATE AREA. EVACUATE ALL UNNECESSARY PERSONNEL. PLACE COLLECTED MATERIAL IN PROPER CONTAINER.

LARGE SPILLS - SHUT OFF LEAK IF SAFE TO DO SO. DIKE AND CONTAIN SPILL. PUMP TO STORAGE OR SALVAGE VESSELS. USE ABSORBENT TO PICK UP EXCESS RESIDUE. KEEP SALVAGEABLE MATERIAL AND RINSE WATER OUT OF SEWERS AND WATER COURSES. SMALL SPILLS - USE ABSORBENT TO PICK UP RESIDUE AND DISPOSE OF PROPERLY.

SECTION 7 HANDLING AND STORAGE

HANDLING AND STORAGE

STORE BELOW 100F (38C). KEEP FROM FREEZING.

OTHER PRECAUTIONS USE ONLY WITH ADEQUATE VENTILATION. DO NOT TAKE INTERNALLY. KEEP OUT OF REACH OF CHILDREN. AVOID CONTACT WITH SKIN AND EYES, AND BREATHING OF VAPORS. WASH HANDS THOROUGHLY AFTER HANDLING, ESPECIALLY BEFORE EATING OR SMOKING. KEEP CONTAINERS TIGHTLY CLOSED AND UPRIGHT WHEN NOT IN USE.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

COMMON NAME : TITANIUM DIOXIDE
CAS NUMBER: 13463-67-7
ACGIH (TWA) : 10 MG/M3 OSHA (TWA) : 10 MG/M3

COMMON NAME : TALC
CAS NUMBER: 14807-96-6
ACGIH (TWA) : 2 MG/M3

RESPIRATORY PROTECTION

CONTROL ENVIRONMENTAL CONCENTRATIONS BELOW APPLICABLE EXPOSURE STANDARDS WHEN USING THIS MATERIAL. WHEN RESPIRATORY PROTECTION IS DETERMINED TO BE NECESSARY, USE A NIOSH/MSHA (CANADIAN Z94.4) APPROVED ELASTOMERIC SEALING-SURFACE FACEPIECE RESPIRATOR OUTFITTED WITH ORGANIC VAPOR CARTRIDGES AND PAINT SPRAY (DUST/MIST) PREFILTERS. DETERMINE THE PROPER LEVEL OF PROTECTION BY CONDUCTING APPROPRIATE AIR MONITORING. CONSULT 29CFR1910.134 FOR SELECTION OF RESPIRATORS (CANADIAN Z94.4).

VENTILATION PROVIDE DILUTION VENTILATION OR LOCAL EXHAUST TO PREVENT BUILD-UP OF VAPORS.

PERSONAL PROTECTIVE EQUIPMENT

EYE WASH, SAFETY SHOWER, SAFETY GLASSES OR GOGGLES.
IMPERVIOUS GLOVES, IMPERVIOUS CLOTHING.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

VAPOR PRESSURE:	NOT AVAILABLE	SPECIFIC GRAVITY:	1.207
BOILING RANGE (F/C):	212-212/100-100	WEIGHT PER GALLON:	10.05/ 12.07IMP
%VOLATILE BY VOLUME:	79.79		
PHYSICAL STATE:	LIQUID	APPEARANCE	WHITE
SOLUBILITY IN WATER:	NOT AVAILABLE	PH:	NOT AVAILABLE

SECTION 10: STABILITY AND REACTIVITY

UNDER NORMAL CONDITIONS

STABLE

SEE SECTION 5 FIRE FIGHTING MEASURES

MATERIALS TO AVOID

OXIDIZERS, ACIDS, BASES.

CONDITIONS TO AVOID

ELEVATED TEMPERATURES, CONTACT WITH OXIDIZING AGENT,
FREEZING, SPARKS, OPEN FLAME.

HAZARDOUS POLYMERIZATION

WILL NOT OCCUR

SECTION 11: TOXICOLOGICAL INFORMATION

COMMON NAME : POLYURETHANE RESIN

CAS NUMBER: CONFIDENTIAL

CARCINOGENICITY LISTED BY: NTP NO

IARC NO

OSHA NO

ACGIH NO

COMMON NAME : TITANIUM DIOXIDE

CAS NUMBER: 13463-67-7

CARCINOGENICITY LISTED BY: NTP NO

IARC NO

OSHA NO

ACGIH NO

LD50: 24.00 GM/KG ORL RAT

LC50: 6820.00 MG/M3/4HR IHL RAT

COMMON NAME : TALC

CAS NUMBER: 14807-96-6

CARCINOGENICITY LISTED BY: NTP NO

IARC NO

OSHA NO

ACGIH NO

COMMON NAME : VINYL ACRYLIC LATEX

CAS NUMBER: 25067-01-0

CARCINOGENICITY LISTED BY: NTP NO

IARC NO

OSHA NO

ACGIH NO

COMMON NAME : TEXANOL

CAS NUMBER: 25265-77-4

CARCINOGENICITY LISTED BY: NTP NO

IARC NO

OSHA NO

ACGIH NO

LD50: 3200.00 MG/KG ORL RAT

LD50:> 20.00 ML/KG SKN GPG

SECTION 11: TOXICOLOGICAL INFORMATION

COMMON NAME : CALCINED KAOLIN CLAY

CAS NUMBER: 66402-68-4

CARCINOGENICITY LISTED BY: NTP NO

IARC NO

OSHA NO

ACGIH NO

SUPPLEMENTAL HEALTH INFORMATION

NO ADDITIONAL EFFECTS ARE ANTICIPATED

CARCINOGENICITY

INHALATION OF NON-ASBESTIFORM COSMETIC GRADE TALC FOR 2 YEARS AT 6 AND 18 MG/M3 PRODUCED CLEAR EVIDENCE OF CARCINOGENICITY IN FEMALE RATS (LUNG AND ADRENAL TUMORS) AND SOME EVIDENCE OF CARCINOGENICITY IN MALE RATS (ADRENAL TUMORS). NO EVIDENCE OF CARCINOGENICITY WAS DEMONSTRATED IN MALE AND FEMALE MICE EXPOSED UNDER THE SAME CONDITIONS. MICROSCOPIC EXAMINATION OF THE LUNGS OF RATS AND MICE EXPOSED TO TALC REVEALED ADDITIONAL EXPOSURE RELATED EFFECTS PRIMARILY ASSOCIATED WITH THE INFLAMMATORY RESPONSE.

REPRODUCTIVE EFFECTS

NO REPRODUCTIVE EFFECTS ARE ANTICIPATED

MUTAGENICITY

NO MUTAGENIC EFFECTS ARE ANTICIPATED

TERATOGENICITY

NO TERATOGENIC EFFECTS ARE ANTICIPATED

SECTION 12: ECOLOGICAL INFORMATION

NO ECOLOGICAL TESTING HAS BEEN DONE BY ICI PAINTS ON THIS PRODUCT AS A WHOLE.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL DISPOSE IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.
 AVOID DISCHARGE TO NATURAL WATERS.

SECTION 14: TRANSPORT INFORMATION

DOT PAINT ** PROTECT FROM FREEZING **
IMDG NOT AVAILABLE
IATA NOT AVAILABLE
TDG NOT AVAILABLE

SECTION 15: REGULATORY INFORMATION

SARA SARA CERCLA HAZ AIR MARINE
302 313 302.4 POLLUTANT POLTNT

THIS PRODUCT CONTAINS NO SARA 302, CERCLA 302.4 OR
HAZARDOUS AIR POLLUTANT CHEMICALS. IT ALSO CONTAINS
NO CHEMICALS WHICH ARE SUBJECT TO THE REPORTING
REQUIREMENTS UNDER SARA 313.
AS OF THE DATE OF THIS MSDS, ALL OF THE COMPONENTS IN THIS
PRODUCT ARE LISTED (OR ARE OTHERWISE EXEMPT FROM LISTING)
ON THE TSCA INVENTORY.
THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE
HAZARD CRITERIA OF THE CPR (CONTROLLED PRODUCTS REGULATIONS)
AND THE MSDS CONTAINS ALL THE INFORMATION REQUIRED BY THE
CPR.

SECTION 16: OTHER INFORMATION

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA AVAILABLE AT THE TIME OF PREPARATION OF THIS DATA SHEET AND WHICH ICI PAINTS BELIEVES TO BE RELIABLE. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THIS DATA. ICI PAINTS SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS INFORMATION, OR OF ANY PRODUCT, METHOD OR APPARATUS MENTIONED AND YOU MUST MAKE YOUR OWN DETERMINATION OF ITS SUITABILITY AND COMPLETENESS FOR YOUR OWN USE, FOR THE PROTECTION OF THE ENVIRONMENT, AND THE HEALTH AND SAFETY OF YOUR EMPLOYEES AND USERS OF THIS MATERIAL. COMPLIES WITH OSHA HAZARD COMMUNICATION STANDARD 29CFR1910.1200.